| Index of Claim |                            | Applic | catio | on No.       |          | Applicant(s)   |  |  |  |  |  |
|----------------|----------------------------|--------|-------|--------------|----------|----------------|--|--|--|--|--|
|                |                            | 10/00  | 4,19  | 95           |          | GAITHER ET AL. |  |  |  |  |  |
|                |                            | Exam   | iner  |              | Art Unit |                |  |  |  |  |  |
|                |                            | Reba   | I. E  | Imore        |          | 2189           |  |  |  |  |  |
| √ Rejected -   | (Through nume<br>Cancelled | ral)   | N     | Non-Elected  | А        | Appeal         |  |  |  |  |  |
| = Allowed      | Restricted                 |        | ı     | Interference | o        | Objected       |  |  |  |  |  |

|  | aim Date |  |          |          |  |                 | ١::::     |         |         | m Date       |          |  |          |          |                   | ];;;;::  |        | ni ma  | Date  |               |          |               |          |          |              |                 |           |          |     |
|--|----------|--|----------|----------|--|-----------------|-----------|---------|---------|--------------|----------|--|----------|----------|-------------------|----------|--------|--|-------|---------------|----------|---------------|----------|----------|--------------|-----------------|-----------|----------|-----|
|  | aim<br>I | $\vdash$                                     |          |          | Date   | <del>5</del>    | -         | _       | -       | Cla          | aim)     | ⊢  |          | <u> </u> | uate              |          | _      | Т  |       |               | aim      | _             |          | _        | <u>vat</u>   | e<br>T          |           |          | _   |
| Final  | Original | 3/29/05                                      | 12/11/05 |          |  |                 |           |         |         | Final        | Original |  |          |          |                   |          |        |  |       | Final         | Original |               |          |          |              |                 |           |          |     |
|  | 0        | 1  | 1        |          |  |                 |           |         | 1       |              | 51       | П  |          |          |                   |          |        |  |       |               | 101      | $\neg$        | $\neg$   | T        |              | П               |           |          |     |
|  | 2        | 1  | 1        |          | T  |                 |           |         | 1       |              | 52       | П  | $\neg$   |          | П                 | $\neg$   | 1      |  |       |               | 102      |               |          | 1        | 1            |                 |           |          | _   |
|  | 3        | 1  | 0        |          |  |                 |           |         | 1       |              | 53       | Ħ  |          |          |                   |          |        |  |       |               | 103      |               | $\top$   |          | 1            |                 | $\neg$    |          | _   |
|  | 4        | 7  | 1        |          | <del>                                     </del> |                 |           | $\top$  | 1       |              | 54       | $\Box$   | _        | 1        |                   | 十        | 十一     | T  |       |               | 104      | $\vdash$      | 1-       | 1        | 1            |                 |           |          | _   |
|  | 5        | 1  | 1        | _        | +-   |                 | $\exists$ | +       |         |              | 55       | Н  | $\top$   | +        | $\vdash$          | $\top$   | $\top$ |  |       |               | 105      | _             |          | +        | T            | Н               |           |          | _   |
|  | 6        | 1  | 1        | $\neg$   |  |                 | _ -       | 1       | 1       |              | 56       |  |          | +        | $\vdash$          | _        | +-     | $\vdash$   |       |               | 106      |               | $\top$   | +        | +            | $\vdash$        | $\dashv$  | _        | _   |
|  | 7        | 1  | 1        | $\dashv$ |  |                 | $\dashv$  | +-      | 1       |              | 57       | Н  | $\dashv$ | +        | 171               | +        | +-     | H  |       |               | 107      | $\dashv$      | $\top$   | +        | 十            | $\vdash$        |           | -        |     |
|  | 8        | 1  |          | 十        | +  |                 | $\top$    | +       | 1       | <b></b>      | 58       | $\Box$   | $\dashv$ | +-       | $\vdash$          | _        | +      | $\vdash$   |       | _             | 108      |               |          | +        | t            | Н               | -         | _        | _   |
|  | 9        |  |          | $\vdash$ | +  | $\vdash$        | -         | +       | 1       |              | 59       | $\vdash$   | -        | +-       | 1-1               | $\top$   | +      | $\vdash$   |       |               | 109      | $\vdash$      | $\top$   | ╈        | 十            | Н               | $\dashv$  | $\dashv$ | _   |
|  | 10       |  | Н        | +        | +-   | $\vdash$        | $\dashv$  | +       | ╢       | ├──          | 60       | <del>                                     </del> | $\dashv$ | +        | $\vdash$          |          | +      | $\vdash$   |       |               | 110      | $\dashv$      | +        | ╁        | ╁            | Н               | $\dashv$  | $\dashv$ |     |
|  | 11       | <del> </del>                                 | Н        |          | +  | $\vdash$        | $\dashv$  | +-      | 1       | -            | 61       | $\vdash \vdash$                                  | +        | +        | ╂┈┼               | +        | +      | -  |       |               | 111      | +             | +        | +        | $\vdash$     | H               | -         | $\dashv$ | _   |
|  | 12       | -  | Н        | -        | +  | $\vdash$        | $\dashv$  | +       | ┨Ш      | <u> </u>     | 62       | $\vdash$   |          |          | H                 | +-       |        | ┝  |       |               | 112      | +             | +-       | +        | +            | -               | $\dashv$  | $\dashv$ | _   |
| <del>                                     </del> | 13       | -  | $\vdash$ | $\dashv$ | +  | $\vdash$        |           | +       | 1       | <u> </u>     | 63       | $\vdash$   | +        | +        | $\vdash \vdash$   |          | +      | $\vdash$   |       |               | 113      | +             | +        | +        | +-           | $\vdash$        | $\dashv$  | $\dashv$ | _   |
|  | 14       | _  | Н        | -        | +  | $\vdash$        | +         | +       | 1       |              | 64       | $\vdash$   | +        | +-       | H                 | +        | +      |  |       |               | 114      | -             | +-       | +        | ┼            | -               | $\dashv$  | $\dashv$ |     |
| <b>-</b>   | 15       | $\vdash$                                     | Н        |          | +  | $\vdash$        | $\dashv$  | +       | 1       |              | 65       | $\vdash$   |          | +        | <del>  </del>     | +        | +      | <del>                                     </del> |       |               | 115      | +             | +        | +        | +            | Н               | $\dashv$  | +        | _   |
|  | 16       | $\vdash$                                     | Н        | +        | +  | $\vdash \vdash$ | $\dashv$  | +       | 1       |              | 66       | H  | +        | +        | $\vdash$          | +        | +      |  |       |               | 116      | $\dashv$      | +        | +        | $\vdash$     | $\vdash$        | $\dashv$  | +        | _   |
|  | 17       | -  | $\vdash$ | -        | +  | $\vdash$        | +         | +       | 1       |              | 67       | $\vdash$   | -        | +        | $\vdash \vdash$   |          | +      | $\vdash$   |       |               | 117      | $\dashv$      | +-       | +-       | $\vdash$     | $\vdash$        | $\dashv$  | -        | —   |
| _  | 18       | <u> —                                   </u> | $\vdash$ |          | +  | $\vdash$        | -         | +       | 1       |              | 68       | $\vdash \vdash$                                  | $\dashv$ | +        |                   | +        | +      | -  |       |               | 118      | +             | +        | +        | +            | $\vdash\vdash$  | $\dashv$  | +        | _   |
|  | 19       |  | $\vdash$ | +        | +  | $\vdash$        | $\dashv$  | +-      | 1       | $\vdash$     |          | $\vdash \vdash$                                  | +        | +        | $\vdash \vdash$   | +        | +      | $\vdash$   |       | -             |          |               | +        | +        | ₩            | $\vdash$        | -         | +        | _   |
| ļ  |          | -  | $\vdash$ |          | +  | $\vdash$        |           | +       | 1       | $\vdash$     | 69       | $\vdash \vdash$                                  |          | +        | ╀                 |          | +      | -  |       |               | 119      | $\dashv$      | $\dashv$ | +        | +            | $\vdash$        | -         | -        | _   |
|  | 20       |  | Н        | +        | +  | $\vdash$        | +         | +       | 1       | <del> </del> | 70       | $\vdash \vdash$                                  | +        | +        | $\vdash \vdash$   |          |        |  |       |               | 120      |               |          | +        | $\vdash$     | $\vdash$        | _         | _        |     |
|  | 21       |  | Н        |          | -  | Н               | +         | -       | 4       | -            | 71       |  |          | +-       | $\vdash$          | - -      | - -    | $\vdash$   |       |               | 121      |               |          | ↓_       | ╀            | Ш               | _         | -        | _   |
|  | 22       | _  | Ш        | $\perp$  |  | $\vdash \vdash$ | +         | +       | 4       | L            | 72       | $\sqcup$   | _        | ╀        |                   | $\dashv$ | _      | lacksquare                                       |       |               | 122      | -             |          | 1_       | <u> </u>     | _               | _         |          | _   |
| <u> </u>   | 23       |  | Ш        |          | 1  | -               | _         | ┷       |         |              | 73       | $\sqcup$   |          | —        | $\sqcup$          | $\dashv$ | $\bot$ | L  |       |               | 123      |               |          | 1        | ↓_           |                 | _         | $\dashv$ | _   |
|  | 24       |  | Ш        | _        | 1-   | $\perp$         | _         |         | 4       |              | 74       | $\sqcup$   | _        | ╀        | $\vdash$          | _ _      | 4      | <u> </u>   |       |               | 124      | _             |          | _        | $oxed{oxed}$ | Ш               | 4         | _        |     |
|  | 25       |  | Щ        |          | 1  |                 |           |         | J       |              | 75       | $\sqcup$   |          | 4_       |                   |          | _      |  |       |               | 125      |               |          | _        | _            | Ш               | _         |          |     |
|  | 26       |  | Щ        | $\perp$  | 1_   | $\Box$          | $\perp$   |         | 1       |              | 76       | Ш  |          | 丄        | Ш                 |          |        |  |       |               | 126      | $\perp$       | $\perp$  |          | L            | Ш               | _         |          | _   |
|  | 27       |  |          |          | $\perp$  |                 |           |         |         |              | 77       |  |          | $\perp$  |                   |          |        |  |       |               | 127      |               |          |          | L            |                 |           | $\perp$  | _   |
|  | 28       |  |          |          | 1_   |                 |           |         | J       |              | 78       | Ш  | $\perp$  | 1        | $\sqcup \bot$     | $\perp$  |        | Ш  |       |               | 128      |               | $\perp$  | 1_       |              | Ш               |           |          | _   |
|  | 29       |  |          |          |  |                 |           |         | ]       |              | 79       |  |          | <u> </u> |                   |          |        |  |       |               | 129      |               |          |          |              |                 |           |          |     |
|  | 30       |  |          |          |  |                 | _L        |         | ]       |              | 80       |  |          |          |                   |          |        |  |       |               | 130      |               |          |          |              |                 |           |          |     |
|  | 31       |  |          |          |  |                 |           |         | ]       |              | 81       |  |          |          |                   |          |        |  |       |               | 131      |               |          | Π        | П            |                 | $\exists$ | Т        | Т   |
|  | 32       |  |          |          |  |                 |           | $\prod$ |         |              | 82       |  |          |          |                   | J        | Ī      |  |       |               | 132      |               | T        |          |              |                 |           |          | _   |
|  | 33       |  |          |          |  |                 |           |         |         |              | 83       |  |          |          |                   | T        |        |  |       |               | 133      |               | 1        | T        | 1            |                 | $\neg$    | $\top$   |     |
|  | 34       |  |          |          |  |                 |           |         |         |              | 84       |  | $\top$   |          |                   | Ţ        |        |  |       |               | 134      |               | $\top$   | T        |              |                 | $\neg$    |          |     |
|  | 35       |  |          |          |  |                 |           | 1       |         |              | 85       |  | $\neg$   | T        |                   | $\neg$   | 1      | П  |       |               | 135      |               |          | T        |              |                 | $\neg$    |          | _   |
|  | 36       |  |          |          |  |                 |           | 1       |         |              | 86       | $\Box$   | $\neg$   | 1        | $\sqcap$          | $\top$   | 1      | П  |       |               | 136      |               | $\top$   | 1        |              | П               | $\dashv$  |          | _   |
|  | 37       |  | $\neg$   |          | П  | $\neg$          |           | 1       |         |              | 87       |  |          | 1        |                   | 丁        | $\top$ |  |       |               | 137      | 一             | $\top$   |          |              | П               | $\neg$    | _        |     |
|  | 38       |  | $\Box$   | $\neg$   | $\Box$   |                 | $\neg$    |         | 1       |              | 88       | $\sqcap$   | _        | $\top$   | $\Box$            | $\top$   | 1      | П  |       |               | 138      | 一             |          | T        | Т            |                 | $\dashv$  | _        | _   |
|  | 39       |  |          |          |  |                 | $\neg$    | 1       | 1       |              | 89       | $\Box$   | ┪        | 1        | П                 | _        |        | П  |       |               | 139      | $\neg \vdash$ | ╅        | T        | 1            |                 | $\neg$    | $\dashv$ | _   |
|  | 40       |  |          | $\dashv$ |  | $\dashv$        | 1         | 1       |         |              | 90       | $\vdash$   |          | 1        | $\vdash$          | +        | 1      | Н  |       |               | 140      | $\dashv$      | +-       | 1        | Т            | $\vdash$        | $\dashv$  | $\dashv$ | _   |
|  | 41       | $\neg$                                       | $\neg$   |          | $\Box$   |                 | $\dashv$  | T       | 1       |              | 91       | $\vdash$   | +        | +-       | $\vdash \uparrow$ | $\dashv$ | +-     | Н  |       |               | 141      | -+            | +-       | †        |              | $\dashv$        | $\dashv$  |          | _   |
|  | 42       | $\neg$                                       |          | $\top$   | 1-1  | $\dashv$        |           | +-      |         |              | 92       | $\vdash$   |          | T        | $\vdash$          | $\dashv$ | 1      | $\vdash$   |       |               | 142      | $\dashv$      | +        | t        | $\vdash$     | $\vdash$        | $\dashv$  | +        | -   |
|  | 43       |  |          | $\neg$   | 11   | _               | $\top$    | $\top$  |         |              | 93       | $\dashv$   | +        | +        | $\vdash$          | +        | +      | Н  |       |               | 143      | $\dashv$      | +        | +        | _            | $\vdash$        | 十         | +        | -   |
|  | 44       | $\neg$                                       | $\dashv$ | $\dashv$ | $\vdash$   | $\dashv$        |           | +-      |         |              | 94       | $\dashv$   | $\dashv$ | +        | $\vdash$          | +        | +      | $\vdash$   |       | $\overline{}$ | 144      |               | +        | +        | -            | $\vdash \vdash$ | $\dashv$  | +        | 4   |
|  | 45       |  | 1        | -        | $\dagger$  | $\dashv$        | $\neg$    | +       | 1       |              | 95       | $\vdash$   | +        | +        | $\vdash$          | +        | +      | $\vdash \vdash$                                  | •     | -             | 145      | +             | +        | +        | $\vdash$     | $\dashv$        | $\dashv$  | +        | -   |
|  | 46       |  |          |          | +  | $\dashv$        | +-        | +-      | ł       |              | 96       |  | +        | +        | $\vdash$          | -        | ╅      | $\vdash$   | ŀ     | $\dashv$      | 146      | +             | +        | +-       |              | $\dashv$        | +         | +        | -   |
|  | 47       | $\neg$                                       | $\dashv$ | $\dashv$ | 1-1  | $\dashv$        | +         | +-      |         |              | 97       | $\vdash$   | +        | +        | $\vdash$          | +-       | +-     | $\vdash \vdash$                                  | ⊪     | $\dashv$      | 147      | -             | +-       | ╁╌       | $\vdash$     | -+              | +         | +        | 4   |
|  | 48       | $\dashv$                                     | $\dashv$ | +        | +  | +               | +         | +       |         |              | 98       | $\dashv$   | +        | +        | $\vdash$          | +        | +      | Н  | ⊪     |               |          |               | +        | +        | Н            | $\dashv$        | $\dashv$  | +        | 4   |
|  | 49       | $\dashv$                                     | $\dashv$ | +        | ╂╌┥  | $\dashv$        | +         | +       | اا      |              | 99       | $\dashv$   |          | +        | $\dashv$          | +        | +      | Н  | ⊪     |               | 148      | +             | -        | +-       | ╀─┤          |                 | $\dashv$  | +        | 4   |
|  | 50       | -  | -        | +-       | $\vdash\vdash$                                   | $\dashv$        | +         | +-      | ╢╢      | -            |          | -  | - -      | ╁┤       | -+                | +        | +-     | Н  |       |               | 149      | -             | +        | $\vdash$ | Н            | $\dashv$        | $\dashv$  | +        | 4   |
|  | _50_     |  |          |          | ш  |                 |           |         | ]:::::[ |              | 100      |  |          |          |                   |          |        | ıl   | ::::I |               | 150      |               | - 1      | 1        | 1 1          |                 |           |          | - 1 |